

WHAT IS CLAIMED IS:

- 1 1. A method processing a function call, comprising:
2 receiving a first function call in a first programming
3 language;
4 translating the first function call into a second
5 function call in a second programming language;
6 transmitting a lightweight directory access protocol
7 function call, corresponding to the second
8 function call, to a software service;
9 receiving results from the software service;
10 formatting the results to correspond to the first
11 programming language; and
12 returning the formatted results.
- 1 2. The method of claim 1, wherein the first programming
2 language is Visual Basic.
- 1 3. The method of claim 1; wherein the first programming
2 language is C#.
- 1 4. The method of claim 1, wherein the second programming
2 language is C.
- 1 5. The method of claim 1, wherein the software service is
2 Microsoft Lightweight Directory Access Protocol
3 Software Development Kit.

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- 1 6. A data processing system having at least a processor
2 and accessible memory, comprising:
3 means for receiving a first function call in a first
4 programming language;
5 means for translating the first function call into a
6 second function call in a second programming
7 language;
8 means for transmitting a lightweight directory access
9 protocol function call, corresponding to the
10 second function call, to a software service;
11 means for receiving results from the software service;
12 means for formatting the results to correspond to the
13 first programming language; and
14 means for returning the formatted results.
- 1 7. The data processing system of claim 6, wherein the
2 first programming language is Visual Basic.
- 1 8. The data processing system of claim 6, wherein the
2 first programming language is C#.
- 1 9. The data processing system of claim 6, wherein the
2 second programming language is C.
- 1 10. The data processing system of claim 6, wherein the
2 software service is Microsoft Lightweight Directory
3 Access Protocol Software Development Kit.

1 11. A computer program product tangibly embodied in a
2 machine-readable medium, comprising:
3 instructions for receiving a first function call in a
4 first programming language;
5 instructions for translating the first function call
6 into a second function call in a second
7 programming language;
8 instructions for transmitting a lightweight directory
9 access protocol function call, corresponding to
10 the second function call, to a software service;
11 instructions for receiving results from the software
12 service;
13 instructions for formatting the results to correspond
14 to the first programming language; and
15 instructions for returning the formatted results.

1 12. The computer program product of claim 11, wherein the
2 first programming language is Visual Basic.

1 13. The computer program product of claim 11, wherein the
2 first programming language is C#.

1 14. The computer program product of claim 11, wherein the
2 second programming language is C.

1 15. The computer program product of claim 11, wherein the
2 software service is Microsoft Lightweight Directory
3 Access Protocol Software Development Kit.